



JG14 Rec'd PTO 21 MAY 2002

P 9 #5

Docket No.: 4590-102 US

The undersigned certifies that this communication is being deposited with the United States Postal Service as prepaid first class mail in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231 on May 17, 2002.


Diane Dunn McKay

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Monica Palacios-Boyce

Serial No.: 10/031,259

Group Art Unit: TBD

Filed: October 22, 2001

Examiner: TBD

Title: MICROELECTROMECHANICAL DEVICES USEFUL FOR
MANIPULATING CELLS OR EMBRYOS, KITS THEREOF,
METHODS OF MAKING SAME, AND METHODS OF USE THEREOF

Information Disclosure Statement

Commissioner for Patents
Washington, DC 20231

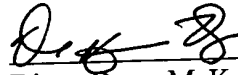
Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby brings to the attention of the United States Patent and Trademark Office the following documents of which Applicant has been made aware. The documents are listed on the attached PTO Form 1449. Copies of the documents are enclosed.

Applicant submits that this Information Disclosure Statement is submitted prior to receipt of the first Office Action.

It is requested that the references be considered by the Examiner and be made of record as part of the available prior art under 37 C.F.R. § 1.104. It is believed that no fee is required. The Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 13-2165.

Respectfully submitted,



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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Docket Number (Optional) 4590-102 US		Application Number 10/031,259		#5		
				Applicant(s) Monica Palacios-B						
				Filing Date October 22, 2001		Group Art Unit TBD				

PATENT & TRADEMARK OFFICE
 MAY 21 2002

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,050,935	04/18/00	Ranoux et al.			
		5,968,820	10/19/99	Zborowski et al.			
		5,961,923	10/05/99	Nova et al.			
		5,863,708	01/26/99	Zanzucchi et al.			
		5,665,582	09/09/97	Kausch et al.			
		5,424,209	06/13/95	Kearney			
		5,262,128	11/16/93	Leighton et al.			
		5,114,854	05/19/92	Bertholdt			
		5,006,117	04/09/91	Cassou			

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO


OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

		Senturia, S. et al., "A Computer-Aided Design System for Microelectromechanical Systems (MEMCAD)," Journal of Microelectromechanical Systems, 1(1):3, March 1992.
		Clerc, P-A, et al., "Advanced Deep Reactive Ion Etching: A Versatile Tool for Microelectromechanical Systems," J. Micromech. Microeng., 8(4):272-278, 1998.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) 4590-102 US	Application Number 10/031,259
		Applicant(s) Monica Palacios-B	
		Filing Date October 22, 2001	Group Art Unit TBD

*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>
	Petersen, K. et al., "Toward Next Generation Clinical Diagnostic Instruments: Scaling and New Processing Paradigms," Biomedical Microdevices, 1(1):71-79, 1998.
	Wagner, J. et al., "Transgenic Animals as Models for Human Disease," Clin. and Exper. Hypertension, 17(4):593-605, 1995.
	Woychi, R. et al., "Insertional Mutagenesis in Transgenic Mice Generated by the Pronuclear Microinjection Procedure," Int. J. Dev. Biol., 42(7 Spec No):1009-1017, 1998.
	Ebert, K., "The Use of Transgenic Animals in Biotechnology," Int. J. Dev. Biol., 42(7 Spec No):1003-1008, 1998.
	Joris, H. et al., "Intracytoplasmic Sperm Injection: Laboratory Set-up and Injection Procedure," Human Reproduction, 13 Supplement 1:76-86, 1998.
	Palermo, G. et al., "Intracytoplasmic Sperm Injection: A Powerful Tool to Overcome Fertilization Failure," Fertility and Sterility, 65(5):899-908, May 1996.
	Meldrum, D. et al., "Assisted Hatching Reduces the Age-Related Decline in IVF Outcome in Women Younger than Age 43 Without Increasing Miscarriage or Monozygotic Twinning," Journal of Assisted Reproduction and Genetics, 15(7):418-421, 1998.
	Magli, M. et al., "Rescue of Implantation Potential in Embryos with Poor Prognosis by Assisted Zona Hatching," Human Reproduction, 13(5):1331-1335, 1998.
	Campbell, K. et al., "Sheep Cloned by Nuclear Transfer from a Cultured Cell Line," Nature 380, 64-66, March 1996.
	Heyman, Y. et al., "Cloning in Cattle: From Embryo Splitting to Somatic Nuclear Transfer," Reprod. Nutr. Dev., 38(6):595-603, 1998.
	Loi, P. et al., "Embryo Transfer and Related Technologies in Sheep Reproduction," Reprod. Nutr. Dev., 38(6):615-628, 1998.
	Lanzendorf, S. et al., "Pregnancy Following Transfer of Ooplasm from Cryopreserved-Thawed Donor Oocytes into Recipient Oocytes," Fertility and Sterility, 71(3):575-577, March 1999.
EXAMINER	DATE CONSIDERED

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